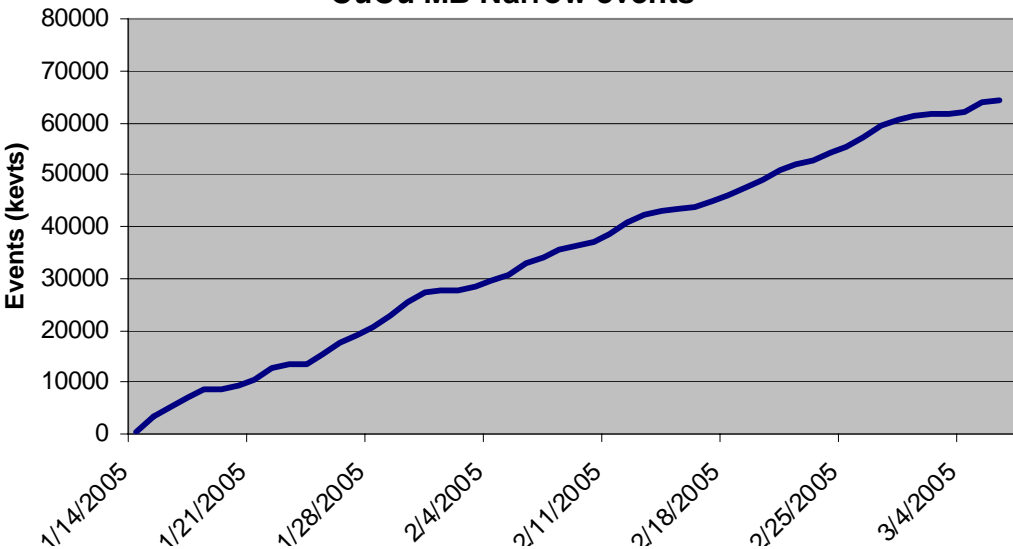


# Final STAR 200 GeV CuCu Min bias Narrow Event totals

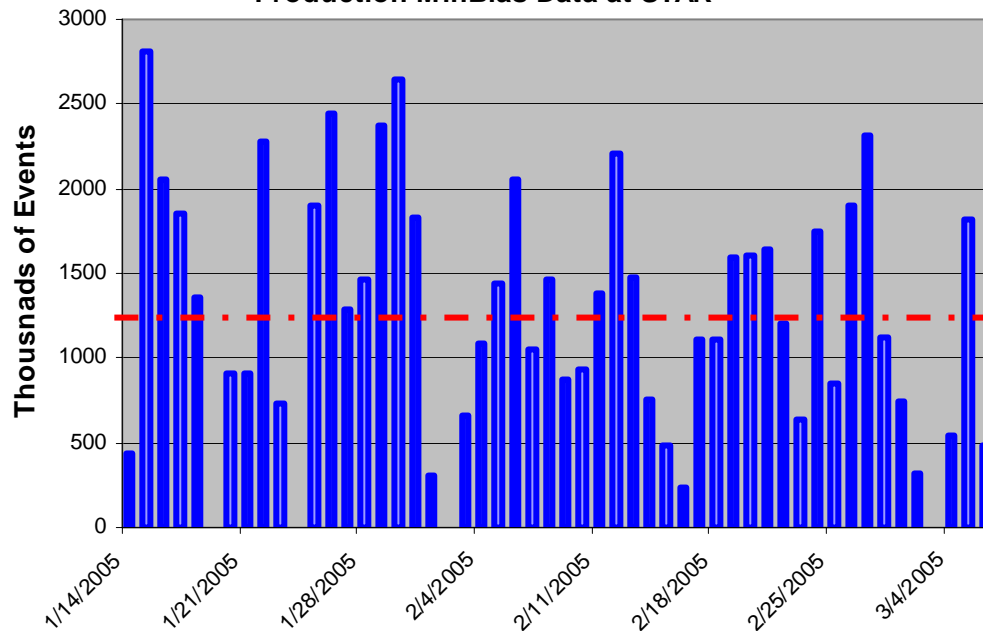
(as of 3/7/05)

CuCu MB Narrow events



- Final Total: 64.47 Mevts of Min-bias
- Goal was 80 Mevts.
- Min bias Trigger was operational for 52 days. The “run” average number of mb events per day was thus  $\sim 1.24$  Mevts/day

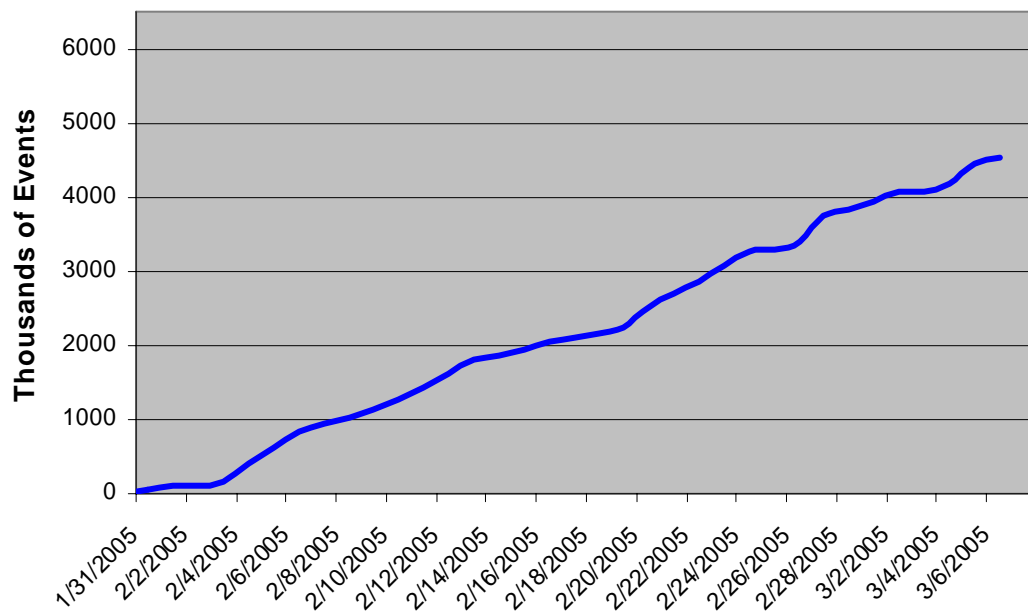
Production MinBias Data at STAR



Ave/day  $\sim 1.24$  Mevts

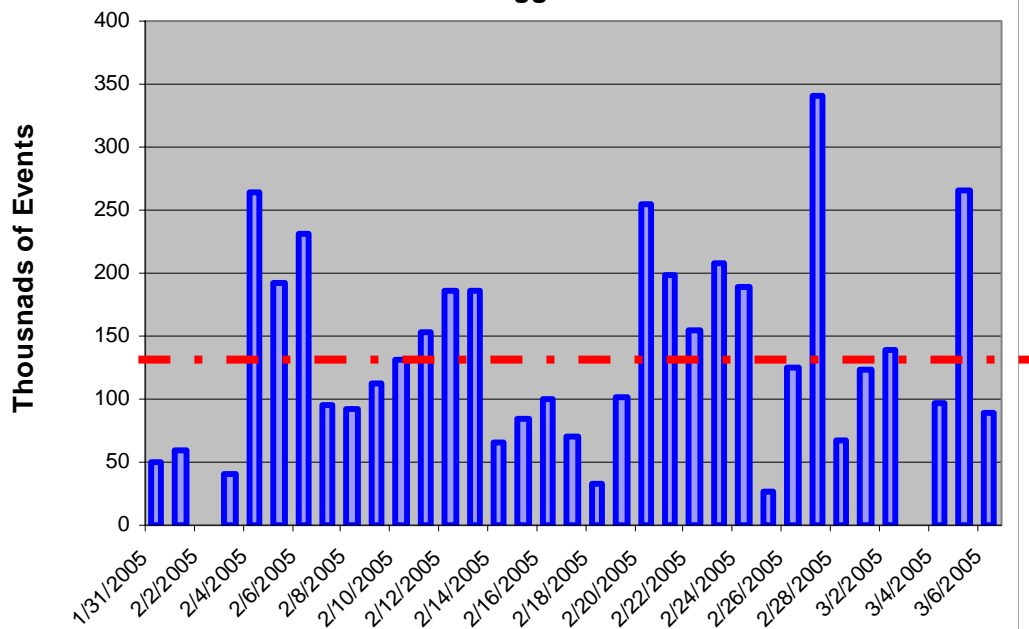
# Final 200 GeV CuCu BEMC HT18 Trigger Totals ( 3/7/05)

Integrated Rare Trigger Data at STAR

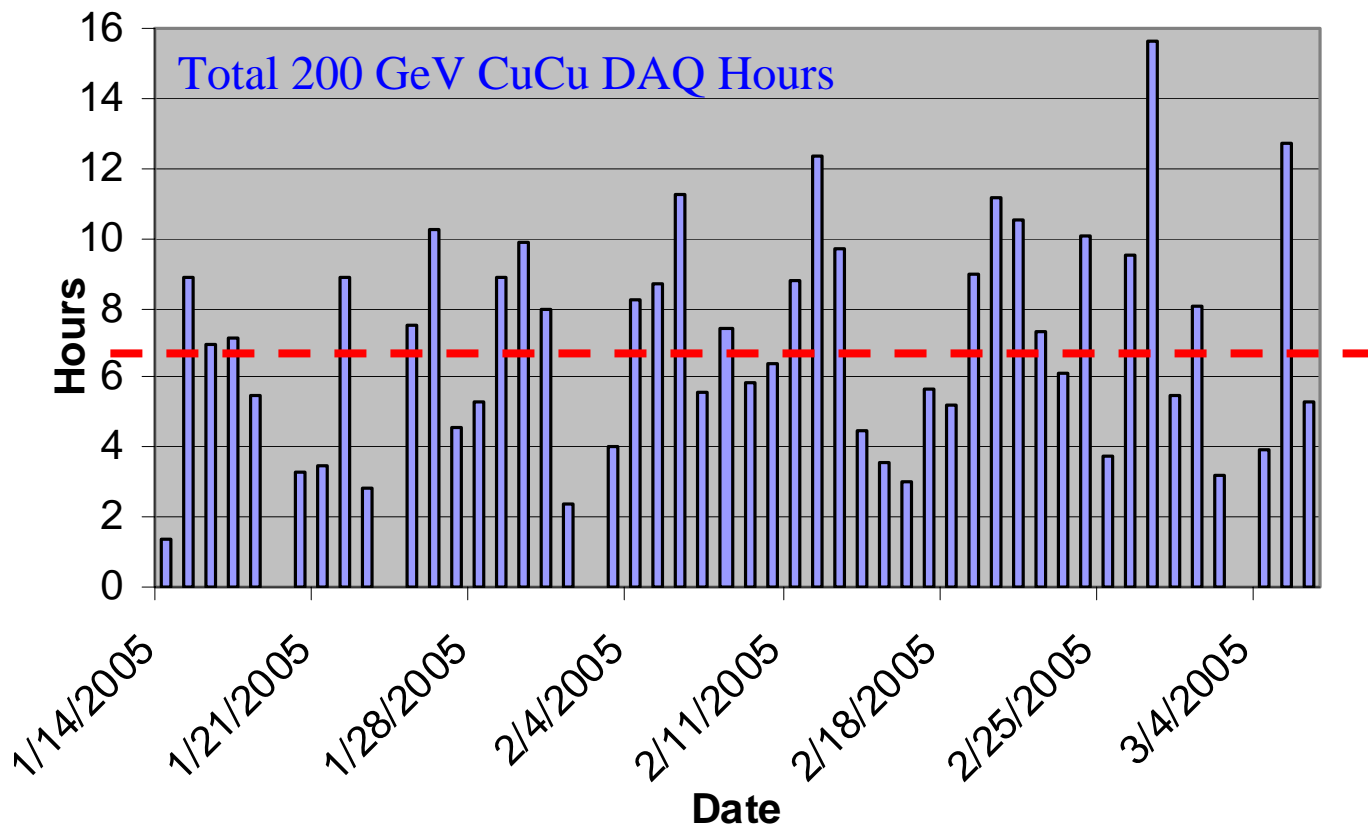


- Final total: 4.53 Mevts
- Goal was 6.5 Mevts
- HT18 Trigger was operational for 35 days. The “run” average number of mb events per day was thus  $\sim 129$  kevts/day

Production Rare Trigger Data at STAR



- STAR BUR Goal was to sample  $\sim 1$  to  $2 \text{ nb}^{-1}$  with the High Pt Trigger.
- $1 \text{ nb}^{-1}$  is equivalent to  $\sim 4.3$  Mevts of this HT trigger.
- 6.5 Mevts is  $\sim 1.5 \text{ nb}^{-1}$  sampled.
- If taken at  $\sim 50\%$  Detector live, requires  $\sim 3 \text{ nb}^{-1}$  delivered.



## DAQ Hours

Total 1/14 to 8 pm 3/6 (52 days) = 336.87 hrs

$\langle \text{DAQ hrs/day} \rangle \sim 6.48 \text{ hrs/day}$

*N.B. "DAQ hrs" only count time when production min-bias or High Tower Trigger Configurations are running.*

DAQ Hrs for 8 am Tuesday Feb 22nd, to 8 am Tuesday Mar. 1st = 57.7 hrs.

DAQ Hrs for 8 am Tuesday Mar 1st, to 8 pm Sunday Mar. 6th = 31.6 hrs.

# Summary of the FY05 200 GeV CuCu Data Set

Total cuProductionMinBias Events: 51.6 Mevts

Total cuProductionHighTower Events: 23 Mevts

Min-bias Events (*Defined as  $z_{dc}$ -cu-narrow triggers*):

- 64.47 Mevts (with Mag. Field)
  - 43.47 Mevts with Reversed Full Field
  - 21.0 Mevts with Forward Full Field
- 487.2 kevtS (with no Mag. Field)

HT18 Events:

- 4.53 Mevts
  - 1.94 Mevts with Reversed Full Field
  - 2.59 Mevts with Forward Full Field

Cu-upc-emc Events:

- 161.535 kevtS (all with Forward Full Field)

Cu-zerobias Events:

- 1079.273 kevtS (with Mag. Field)
  - 504.336 kevtS with Reversed Full Field
  - 574.937 kevtS with Forward Full Field

FPD Events:

- cu-fpd: 268.294 kevtS (all fpd trigger taken with FFF)
- cu-fpd-ht: 165.952 kevtS

Upsilon Test Events: (all Upsilon Test evts taken with FFF)

- 4059 evts (with three different sets of selection parameters)